



# BARGE "KIRBY 10094"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

March 22, 2024

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10094"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	3,560.08	0	3,306.75	0	3,053.43	0	2,794.42	0	2,498.33	0	2,201.54
1/4		1/4		1/4		1/4		1/4	3,554.80	1/4	3,301.48	1/4	3,048.15	1/4	2,788.25	1/4	2,492.15	1/4	2,195.36
1/2		1/2		1/2		1/2		1/2	3,770.73	1/2	3,549.52	1/2	3,296.20	1/2	3,042.87	1/2	2,782.09	1/2	2,485.97
3/4		3/4		3/4		3/4		3/4	3,769.69	3/4	3,544.25	3/4	3,290.92	3/4	3,037.60	3/4	2,775.92	3/4	2,479.78
1		1		1		1		1	3,538.66	1	3,283.97	1	3,028.64	1	2,773.32	1	2,473.60	1	2,176.81
1/4		1/4		1/4		1/4		1/4	3,767.62	1/4	3,533.69	1/4	3,280.37	1/4	3,027.04	1/4	2,763.59	1/4	2,467.42
1/2		1/2		1/2		1/2		1/2	3,766.59	1/2	3,528.41	1/2	3,275.09	1/2	3,021.76	1/2	2,757.43	1/2	2,461.23
3/4		3/4		3/4		3/4		3/4	3,763.49	3/4	3,523.13	3/4	3,269.81	3/4	3,016.49	3/4	2,751.27	3/4	2,455.05
2		2		2		2		2	3,760.38	2	3,517.86	2	3,264.53	2	3,011.21	2	2,745.10	2	2,448.87
1/4		1/4		1/4		1/4		1/4	3,757.28	1/4	3,512.58	1/4	3,259.25	1/4	3,005.93	1/4	2,738.94	1/4	2,442.68
1/2		1/2		1/2		1/2		1/2	3,754.17	1/2	3,507.30	1/2	3,253.98	1/2	3,000.65	1/2	2,732.77	1/2	2,436.50
3/4		3/4		3/4		3/4		3/4	3,750.02	3/4	3,502.02	3/4	3,248.70	3/4	2,995.37	3/4	2,726.61	3/4	2,430.32
3		3		3		3		3	3,745.86	3	3,496.75	3	3,243.42	3	2,990.10	3	2,720.44	3	2,424.13
1/4		1/4		1/4		1/4		1/4	3,741.70	1/4	3,491.47	1/4	3,238.14	1/4	2,984.82	1/4	2,714.28	1/4	2,417.95
1/2		1/2		1/2		1/2		1/2	3,737.55	1/2	3,486.19	1/2	3,232.87	1/2	2,979.54	1/2	2,708.11	1/2	2,411.77
3/4		3/4		3/4		3/4		3/4	3,732.41	3/4	3,480.91	3/4	3,227.59	3/4	2,974.26	3/4	2,701.95	3/4	2,405.59
4		4		4		4		4	3,727.26	4	3,475.64	4	3,222.31	4	2,968.99	4	2,695.78	4	2,399.40
1/4		1/4		1/4		1/4		1/4	3,722.12	1/4	3,470.36	1/4	3,217.03	1/4	2,963.71	1/4	2,689.62	1/4	2,393.22
1/2		1/2		1/2		1/2		1/2	3,716.98	1/2	3,465.08	1/2	3,211.76	1/2	2,958.43	1/2	2,683.45	1/2	2,387.04
3/4		3/4		3/4		3/4		3/4	3,711.80	3/4	3,459.80	3/4	3,206.48	3/4	2,953.15	3/4	2,677.29	3/4	2,380.85
5		5		5		5		5	3,706.62	5	3,454.53	5	3,201.20	5	2,947.88	5	2,671.13	5	2,374.67
1/4		1/4		1/4		1/4		1/4	3,701.44	1/4	3,449.25	1/4	3,195.92	1/4	2,942.60	1/4	2,664.96	1/4	2,368.49
1/2		1/2		1/2		1/2		1/2	3,696.26	1/2	3,443.97	1/2	3,190.65	1/2	2,937.32	1/2	2,658.80	1/2	2,362.30
3/4		3/4		3/4		3/4		3/4	3,691.07	3/4	3,438.69	3/4	3,185.37	3/4	2,932.04	3/4	2,652.63	3/4	2,356.12
6		6		6		6		6	3,685.88	6	3,433.42	6	3,180.09	6	2,926.77	6	2,646.47	6	2,349.94
1/4		1/4		1/4		1/4		1/4	3,680.68	1/4	3,428.14	1/4	3,174.81	1/4	2,921.49	1/4	2,640.30	1/4	2,343.75
1/2		1/2		1/2		1/2		1/2	3,675.49	1/2	3,422.86	1/2	3,169.54	1/2	2,916.21	1/2	2,634.14	1/2	2,337.57
3/4		3/4		3/4		3/4		3/4	3,670.30	3/4	3,417.58	3/4	3,164.26	3/4	2,910.93	3/4	2,627.97	3/4	2,331.39
7		7		7		7		7	3,665.11	7	3,412.31	7	3,158.98	7	2,905.66	7	2,621.81	7	2,325.21
1/4		1/4		1/4		1/4		1/4	3,659.92	1/4	3,407.03	1/4	3,153.70	1/4	2,900.38	1/4	2,615.64	1/4	2,319.02
1/2		1/2		1/2		1/2		1/2	3,654.73	1/2	3,401.75	1/2	3,148.43	1/2	2,895.10	1/2	2,609.48	1/2	2,312.84
3/4		3/4		3/4		3/4		3/4	3,649.54	3/4	3,396.47	3/4	3,143.15	3/4	2,889.82	3/4	2,603.32	3/4	2,306.66
8		8		8		8		8	3,644.35	8	3,391.19	8	3,137.87	8	2,884.55	8	2,597.15	8	2,300.47
1/4		1/4		1/4		1/4		1/4	3,639.16	1/4	3,385.92	1/4	3,132.59	1/4	2,879.27	1/4	2,590.99	1/4	2,294.29
1/2		1/2		1/2		1/2		1/2	3,633.96	1/2	3,380.64	1/2	3,127.31	1/2	2,873.99	1/2	2,584.82	1/2	2,288.11
3/4		3/4		3/4		3/4		3/4	3,628.69	3/4	3,375.36	3/4	3,122.04	3/4	2,868.69	3/4	2,578.66	3/4	2,281.92
9		9		9		9		9	3,623.41	9	3,370.08	9	3,116.76	9	2,863.38	9	2,572.49	9	2,275.74
1/4		1/4		1/4		1/4		1/4	3,618.13	1/4	3,364.81	1/4	3,111.48	1/4	2,858.08	1/4	2,566.33	1/4	2,269.56
1/2		1/2		1/2		1/2		1/2	3,612.85	1/2	3,359.53	1/2	3,106.20	1/2	2,852.78	1/2	2,560.16	1/2	2,263.37
3/4		3/4		3/4		3/4		3/4	3,607.58	3/4	3,354.25	3/4	3,100.93	3/4	2,847.48	3/4	2,553.98	3/4	2,257.19
10		10		10		10		10	3,602.30	10	3,348.97	10	3,095.65	10	2,842.17	10	2,547.80	10	2,251.01
1/4		1/4		1/4		1/4		1/4	3,597.02	1/4	3,343.70	1/4	3,090.37	1/4	2,836.87	1/4	2,541.61	1/4	2,244.82
1/2		1/2		1/2		1/2		1/2	3,591.74	1/2	3,338.42	1/2	3,085.09	1/2	2,831.57	1/2	2,535.43	1/2	2,238.64
3/4		3/4		3/4		3/4		3/4	3,586.47	3/4	3,333.14	3/4	3,079.82	3/4	2,825.36	3/4	2,529.25	3/4	2,232.46
11		11		11		11		11	3,581.19	11	3,327.86	11	3,074.54	11	2,819.16	11	2,523.06	11	2,226.28
1/4		1/4		1/4		1/4		1/4	3,575.91	1/4	3,322.59	1/4	3,069.26	1/4	2,812.95	1/4	2,516.88	1/4	2,220.09
1/2		1/2		1/2		1/2		1/2	3,570.63	1/2	3,317.31	1/2	3,063.98	1/2	2,806.75	1/2	2,510.70	1/2	2,213.91
3/4		3/4		3/4		3/4		3/4	3,565.36	3/4	3,312.03	3/4	3,058.71	3/4	2,800.58	3/4	2,504.51	3/4	2,207.73

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

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# BARGE "KIRBY 10094"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,904.75	0	1,607.75	0	1,310.55	0	1,013.34	0	721.98	0	424.85	0	127.44	0		0		0	
1/4	1,898.57	1/4	1,601.56	1/4	1,304.35	1/4	1,007.15	1/4	715.89	1/4	418.66	1/4	121.25	1/4	1/4	1/4		1/4	
1/2	1,892.39	1/2	1,595.37	1/2	1,298.16	1/2	1,000.96	1/2	709.79	1/2	412.46	1/2	115.06	1/2	1/2	1/2		1/2	
3/4	1,886.20	3/4	1,589.18	3/4	1,291.97	3/4	994.76	3/4	703.61	3/4	406.26	3/4	108.89	3/4	3/4	3/4		3/4	
1	1,880.02	1	1,582.99	1	1,285.78	1	988.57	1	697.44	1	400.07	1	102.72	1	1	1		1	
1/4	1,873.84	1/4	1,576.79	1/4	1,279.59	1/4	982.38	1/4	691.26	1/4	393.87	1/4	96.56	1/4	1/4	1/4		1/4	
1/2	1,867.66	1/2	1,570.60	1/2	1,273.40	1/2	976.19	1/2	685.08	1/2	387.68	1/2	90.39	1/2	1/2	1/2		1/2	
3/4	1,861.47	3/4	1,564.41	3/4	1,267.20	3/4	970.06	3/4	678.88	3/4	381.48	3/4	84.25	3/4	3/4	3/4		3/4	
2	1,855.29	2	1,558.22	2	1,261.01	2	963.93	2	672.69	2	375.28	2	78.11	2	2	2		2	
1/4	1,849.11	1/4	1,552.03	1/4	1,254.82	1/4	957.80	1/4	666.49	1/4	369.09	1/4	71.98	1/4	1/4	1/4		1/4	
1/2	1,842.92	1/2	1,545.83	1/2	1,248.63	1/2	951.67	1/2	660.30	1/2	362.89	1/2	65.84	1/2	1/2	1/2		1/2	
3/4	1,836.74	3/4	1,539.64	3/4	1,242.44	3/4	945.61	3/4	654.10	3/4	356.70	3/4	59.76	3/4	3/4	3/4		3/4	
3	1,830.56	3	1,533.45	3	1,236.24	3	939.54	3	647.91	3	350.50	3	53.68	3	3	3		3	
1/4	1,824.37	1/4	1,527.26	1/4	1,230.05	1/4	933.48	1/4	641.71	1/4	344.30	1/4	47.60	1/4	1/4	1/4		1/4	
1/2	1,818.19	1/2	1,521.07	1/2	1,223.86	1/2	927.41	1/2	635.52	1/2	338.11	1/2	41.52	1/2	1/2	1/2		1/2	
3/4	1,812.00	3/4	1,514.88	3/4	1,217.67	3/4	921.35	3/4	629.32	3/4	331.91	3/4	36.36	3/4	3/4	3/4		3/4	
4	1,805.81	4	1,508.68	4	1,211.48	4	915.28	4	623.12	4	325.72	4	31.20	4	4	4		4	
1/4	1,799.62	1/4	1,502.49	1/4	1,205.29	1/4	909.22	1/4	616.93	1/4	319.52	1/4	26.03	1/4	1/4	1/4		1/4	
1/2	1,793.42	1/2	1,496.30	1/2	1,199.09	1/2	903.15	1/2	610.73	1/2	313.32	1/2	20.87	1/2	1/2	1/2		1/2	
3/4	1,787.23	3/4	1,490.11	3/4	1,192.90	3/4	897.10	3/4	604.54	3/4	307.13	3/4	17.76	3/4	3/4	3/4		3/4	
5	1,781.04	5	1,483.92	5	1,186.71	5	891.05	5	598.34	5	300.93	5	14.66	5	5	5		5	
1/4	1,774.85	1/4	1,477.72	1/4	1,180.52	1/4	885.01	1/4	592.14	1/4	294.74	1/4	11.56	1/4	1/4	1/4		1/4	
1/2	1,768.66	1/2	1,471.53	1/2	1,174.33	1/2	878.96	1/2	585.95	1/2	288.54	1/2	8.45	1/2	1/2	1/2		1/2	
3/4	1,762.47	3/4	1,465.34	3/4	1,168.13	3/4	872.92	3/4	579.75	3/4	282.34	3/4	7.42	3/4	3/4	3/4		3/4	
6	1,756.27	6	1,459.15	6	1,161.94	6	866.89	6	573.56	6	276.15	6	6.39	6	6	6		6	
1/4	1,750.08	1/4	1,452.96	1/4	1,155.75	1/4	860.86	1/4	567.36	1/4	269.95	1/4	5.35	1/4	1/4	1/4		1/4	
1/2	1,743.89	1/2	1,446.77	1/2	1,149.56	1/2	854.83	1/2	561.16	1/2	263.76	1/2	4.32	1/2	1/2	1/2		1/2	
3/4	1,737.70	3/4	1,440.57	3/4	1,143.37	3/4	848.79	3/4	554.97	3/4	257.56	3/4		3/4	3/4	3/4		3/4	
7	1,731.51	7	1,434.38	7	1,137.18	7	842.76	7	548.77	7	251.36	7		7	7	7		7	
1/4	1,725.32	1/4	1,428.19	1/4	1,130.98	1/4	836.73	1/4	542.58	1/4	245.17	1/4		1/4	1/4	1/4		1/4	
1/2	1,719.13	1/2	1,422.00	1/2	1,124.79	1/2	830.70	1/2	536.38	1/2	238.97	1/2		1/2	1/2	1/2		1/2	
3/4	1,712.94	3/4	1,415.81	3/4	1,118.60	3/4	824.66	3/4	530.18	3/4	232.78	3/4		3/4	3/4	3/4		3/4	
8	1,706.75	8	1,409.61	8	1,112.41	8	818.63	8	523.99	8	226.58	8		8	8	8		8	
1/4	1,700.57	1/4	1,403.42	1/4	1,106.22	1/4	812.60	1/4	517.79	1/4	220.38	1/4		1/4	1/4	1/4		1/4	
1/2	1,694.38	1/2	1,397.23	1/2	1,100.02	1/2	806.57	1/2	511.60	1/2	214.19	1/2		1/2	1/2	1/2		1/2	
3/4	1,688.19	3/4	1,391.04	3/4	1,093.83	3/4	800.53	3/4	505.40	3/4	207.99	3/4		3/4	3/4	3/4		3/4	
9	1,682.00	9	1,384.85	9	1,087.64	9	794.50	9	499.20	9	201.80	9		9	9	9		9	
1/4	1,675.81	1/4	1,378.66	1/4	1,081.45	1/4	788.47	1/4	493.01	1/4	195.60	1/4		1/4	1/4	1/4		1/4	
1/2	1,669.63	1/2	1,372.46	1/2	1,075.26	1/2	782.44	1/2	486.81	1/2	189.40	1/2		1/2	1/2	1/2		1/2	
3/4	1,663.44	3/4	1,366.27	3/4	1,069.07	3/4	776.40	3/4	480.62	3/4	183.21	3/4		3/4	3/4	3/4		3/4	
10	1,657.25	10	1,360.08	10	1,062.87	10	770.37	10	474.42	10	177.01	10		10	10	10		10	
1/4	1,651.06	1/4	1,353.89	1/4	1,056.68	1/4	764.34	1/4	468.22	1/4	170.82	1/4		1/4	1/4	1/4		1/4	
1/2	1,644.87	1/2	1,347.70	1/2	1,050.49	1/2	758.31	1/2	462.03	1/2	164.62	1/2		1/2	1/2	1/2		1/2	
3/4	1,638.69	3/4	1,341.50	3/4	1,044.30	3/4	752.27	3/4	455.83	3/4	158.42	3/4		3/4	3/4	3/4		3/4	
11	1,632.50	11	1,335.31	11	1,038.11	11	746.24	11	449.64	11	152.22	11		11	11	11		11	
1/4	1,626.31	1/4	1,329.12	1/4	1,031.91	1/4	740.21	1/4	443.44	1/4	146.02	1/4		1/4	1/4	1/4		1/4	
1/2	1,620.12	1/2	1,322.93	1/2	1,025.72	1/2	734.18	1/2	437.24	1/2	139.82	1/2		1/2	1/2	1/2		1/2	
3/4	1,613.93	3/4	1,316.74	3/4	1,019.53	3/4	728.08	3/4	431.05	3/4	133.63	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 SW  
CALCULATED: 01/18/2014 CL  
VERIFIED: 03/22/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "KIRBY 10094"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	3,271.13	0	3,008.79	0	2,746.45	0	2,483.73	0	2,219.98	0	1,956.23
1/4		1/4		1/4		1/4		1/4	3,265.66	1/4	3,003.33	1/4	2,740.99	1/4	2,478.24	1/4	2,214.48	1/4	1,950.73
1/2		1/2		1/2		1/2		1/2	3,260.20	1/2	2,997.86	1/2	2,735.52	1/2	2,472.74	1/2	2,208.99	1/2	1,945.24
3/4		3/4		3/4		3/4		3/4	3,481.79	3/4	3,254.73	3/4	2,992.39	3/4	2,730.06	3/4	2,467.25	3/4	2,203.50
1		1		1		1		1	3,480.88	1	3,249.27	1	2,986.93	1	2,724.59	1	2,461.75	1	2,198.00
1/4		1/4		1/4		1/4		1/4	3,479.96	1/4	3,243.80	1/4	2,981.46	1/4	2,719.12	1/4	2,456.26	1/4	1,928.76
1/2		1/2		1/2		1/2		1/2	3,479.04	1/2	3,238.34	1/2	2,976.00	1/2	2,713.66	1/2	2,450.76	1/2	1,923.26
3/4		3/4		3/4		3/4		3/4	3,478.13	3/4	3,232.87	3/4	2,970.53	3/4	2,708.19	3/4	2,445.27	3/4	1,917.77
2		2		2		2		2	3,475.38	2	3,227.41	2	2,965.07	2	2,702.73	2	2,439.77	2	1,912.27
1/4		1/4		1/4		1/4		1/4	3,472.63	1/4	3,221.94	1/4	2,959.60	1/4	2,697.26	1/4	2,434.28	1/4	1,906.78
1/2		1/2		1/2		1/2		1/2	3,469.88	1/2	3,216.48	1/2	2,954.14	1/2	2,691.80	1/2	2,428.78	1/2	1,901.28
3/4		3/4		3/4		3/4		3/4	3,467.13	3/4	3,211.01	3/4	2,948.67	3/4	2,686.33	3/4	2,423.29	3/4	1,895.79
3		3		3		3		3	3,462.68	3	3,205.54	3	2,943.21	3	2,680.87	3	2,417.79	3	1,890.29
1/4		1/4		1/4		1/4		1/4	3,458.23	1/4	3,200.08	1/4	2,937.74	1/4	2,675.40	1/4	2,412.30	1/4	1,884.80
1/2		1/2		1/2		1/2		1/2	3,453.78	1/2	3,194.61	1/2	2,932.27	1/2	2,669.94	1/2	2,406.80	1/2	1,879.30
3/4		3/4		3/4		3/4		3/4	3,449.32	3/4	3,189.15	3/4	2,926.81	3/4	2,664.47	3/4	2,401.31	3/4	1,873.81
4		4		4		4		4	3,444.00	4	3,183.68	4	2,921.34	4	2,659.00	4	2,395.81	4	1,868.31
1/4		1/4		1/4		1/4		1/4	3,438.67	1/4	3,178.22	1/4	2,915.88	1/4	2,653.54	1/4	2,390.32	1/4	1,862.82
1/2		1/2		1/2		1/2		1/2	3,433.35	1/2	3,172.75	1/2	2,910.41	1/2	2,648.07	1/2	2,384.82	1/2	1,857.32
3/4		3/4		3/4		3/4		3/4	3,428.02	3/4	3,167.29	3/4	2,904.95	3/4	2,642.61	3/4	2,379.33	3/4	1,851.83
5		5		5		5		5	3,422.66	5	3,161.82	5	2,899.48	5	2,637.14	5	2,373.83	5	1,846.33
1/4		1/4		1/4		1/4		1/4	3,417.31	1/4	3,156.36	1/4	2,894.02	1/4	2,631.68	1/4	2,368.34	1/4	1,840.84
1/2		1/2		1/2		1/2		1/2	3,411.95	1/2	3,150.89	1/2	2,888.55	1/2	2,626.21	1/2	2,362.84	1/2	1,835.34
3/4		3/4		3/4		3/4		3/4	3,406.59	3/4	3,145.43	3/4	2,883.09	3/4	2,620.75	3/4	2,357.35	3/4	1,829.85
6		6		6		6		6	3,401.22	6	3,139.96	6	2,877.62	6	2,615.28	6	2,351.85	6	1,824.35
1/4		1/4		1/4		1/4		1/4	3,395.85	1/4	3,134.49	1/4	2,872.16	1/4	2,609.82	1/4	2,346.36	1/4	1,818.86
1/2		1/2		1/2		1/2		1/2	3,390.48	1/2	3,129.03	1/2	2,866.69	1/2	2,604.35	1/2	2,340.87	1/2	1,813.36
3/4		3/4		3/4		3/4		3/4	3,385.12	3/4	3,123.56	3/4	2,861.22	3/4	2,598.89	3/4	2,335.37	3/4	1,807.87
7		7		7		7		7	3,379.75	7	3,118.10	7	2,855.76	7	2,593.42	7	2,329.88	7	1,802.37
1/4		1/4		1/4		1/4		1/4	3,374.38	1/4	3,112.63	1/4	2,850.29	1/4	2,587.95	1/4	2,324.38	1/4	1,796.88
1/2		1/2		1/2		1/2		1/2	3,369.01	1/2	3,107.17	1/2	2,844.83	1/2	2,582.49	1/2	2,318.89	1/2	1,791.39
3/4		3/4		3/4		3/4		3/4	3,363.65	3/4	3,101.70	3/4	2,839.36	3/4	2,577.02	3/4	2,313.39	3/4	1,785.89
8		8		8		8		8	3,358.28	8	3,096.24	8	2,833.90	8	2,571.56	8	2,307.90	8	1,780.40
1/4		1/4		1/4		1/4		1/4	3,352.91	1/4	3,090.77	1/4	2,828.43	1/4	2,566.09	1/4	2,302.40	1/4	1,774.90
1/2		1/2		1/2		1/2		1/2	3,347.55	1/2	3,085.31	1/2	2,822.97	1/2	2,560.63	1/2	2,296.91	1/2	1,769.41
3/4		3/4		3/4		3/4		3/4	3,342.18	3/4	3,079.84	3/4	2,817.50	3/4	2,555.16	3/4	2,291.41	3/4	1,763.91
9		9		9		9		9	3,336.71	9	3,074.38	9	2,812.04	9	2,549.67	9	2,285.92	9	1,758.42
1/4		1/4		1/4		1/4		1/4	3,331.25	1/4	3,068.91	1/4	2,806.57	1/4	2,544.17	1/4	2,280.42	1/4	1,752.92
1/2		1/2		1/2		1/2		1/2	3,325.78	1/2	3,063.44	1/2	2,801.11	1/2	2,538.68	1/2	2,274.93	1/2	1,747.43
3/4		3/4		3/4		3/4		3/4	3,320.32	3/4	3,057.98	3/4	2,795.64	3/4	2,533.18	3/4	2,269.43	3/4	1,741.93
10		10		10		10		10	3,314.85	10	3,052.51	10	2,790.17	10	2,527.69	10	2,263.94	10	1,736.44
1/4		1/4		1/4		1/4		1/4	3,309.39	1/4	3,047.05	1/4	2,784.71	1/4	2,522.19	1/4	2,258.44	1/4	1,730.94
1/2		1/2		1/2		1/2		1/2	3,303.92	1/2	3,041.58	1/2	2,779.24	1/2	2,516.70	1/2	2,252.95	1/2	1,725.45
3/4		3/4		3/4		3/4		3/4	3,298.46	3/4	3,036.12	3/4	2,773.78	3/4	2,511.20	3/4	2,247.45	3/4	1,719.95
11		11		11		11		11	3,292.99	11	3,030.65	11	2,768.31	11	2,505.71	11	2,241.96	11	1,714.46
1/4		1/4		1/4		1/4		1/4	3,287.53	1/4	3,025.19	1/4	2,762.85	1/4	2,500.21	1/4	2,236.46	1/4	1,708.96
1/2		1/2		1/2		1/2		1/2	3,282.06	1/2	3,019.72	1/2	2,757.38	1/2	2,494.72	1/2	2,230.97	1/2	1,703.47
3/4		3/4		3/4		3/4		3/4	3,276.60	3/4	3,014.26	3/4	2,751.92	3/4	2,489.22	3/4	2,225.47	3/4	1,697.97

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "KIRBY 10094"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,692.48	0	1,428.73	0	1,164.82	0	902.52	0	642.82	0	379.06	0	115.20	0		0		0	
1/4	1,686.98	1/4	1,423.23	1/4	1,159.33	1/4	897.11	1/4	637.37	1/4	373.56	1/4	109.72	1/4	1/4	1/4		1/4	
1/2	1,681.49	1/2	1,417.74	1/2	1,153.83	1/2	891.70	1/2	631.91	1/2	368.06	1/2	104.24	1/2	1/2	1/2		1/2	
3/4	1,675.99	3/4	1,412.24	3/4	1,148.33	3/4	886.28	3/4	626.46	3/4	362.56	3/4	98.76	3/4	3/4	3/4		3/4	
1	1,670.50	1	1,406.75	1	1,142.83	1	880.87	1	620.96	1	357.07	1	93.30	1	1	1		1	
1/4	1,665.00	1/4	1,401.25	1/4	1,137.33	1/4	875.46	1/4	615.46	1/4	351.57	1/4	87.83	1/4	1/4	1/4		1/4	
1/2	1,659.51	1/2	1,395.75	1/2	1,131.84	1/2	870.04	1/2	609.96	1/2	346.07	1/2	82.37	1/2	1/2	1/2		1/2	
3/4	1,654.02	3/4	1,390.25	3/4	1,126.34	3/4	864.63	3/4	604.47	3/4	340.57	3/4	76.91	3/4	3/4	3/4		3/4	
2	1,648.52	2	1,384.75	2	1,120.84	2	859.22	2	598.97	2	335.07	2	71.47	2	2	2		2	
1/4	1,643.03	1/4	1,379.25	1/4	1,115.34	1/4	853.80	1/4	593.47	1/4	329.58	1/4	66.04	1/4	1/4	1/4		1/4	
1/2	1,637.53	1/2	1,373.76	1/2	1,109.84	1/2	848.39	1/2	587.97	1/2	324.08	1/2	60.60	1/2	1/2	1/2		1/2	
3/4	1,632.04	3/4	1,368.26	3/4	1,104.34	3/4	842.98	3/4	582.48	3/4	318.58	3/4	55.17	3/4	3/4	3/4		3/4	
3	1,626.54	3	1,362.76	3	1,098.85	3	837.57	3	576.98	3	313.08	3	49.79	3	3	3		3	
1/4	1,621.05	1/4	1,357.26	1/4	1,093.35	1/4	832.15	1/4	571.48	1/4	307.59	1/4	44.40	1/4	1/4	1/4		1/4	
1/2	1,615.55	1/2	1,351.76	1/2	1,087.85	1/2	826.74	1/2	565.98	1/2	302.09	1/2	39.02	1/2	1/2	1/2		1/2	
3/4	1,610.06	3/4	1,346.27	3/4	1,082.35	3/4	821.33	3/4	560.48	3/4	296.59	3/4	33.63	3/4	3/4	3/4		3/4	
4	1,604.56	4	1,340.77	4	1,076.85	4	815.92	4	554.99	4	291.09	4	29.06	4	4	4		4	
1/4	1,599.07	1/4	1,335.27	1/4	1,071.36	1/4	810.51	1/4	549.49	1/4	285.59	1/4	24.49	1/4	1/4	1/4		1/4	
1/2	1,593.57	1/2	1,329.77	1/2	1,065.86	1/2	805.10	1/2	543.99	1/2	280.10	1/2	19.91	1/2	1/2	1/2		1/2	
3/4	1,588.08	3/4	1,324.27	3/4	1,060.36	3/4	799.69	3/4	538.49	3/4	274.60	3/4	15.34	3/4	3/4	3/4		3/4	
5	1,582.58	5	1,318.77	5	1,054.86	5	794.29	5	532.99	5	269.10	5	12.59	5	5	5		5	
1/4	1,577.09	1/4	1,313.28	1/4	1,049.36	1/4	788.88	1/4	527.50	1/4	263.60	1/4	9.84	1/4	1/4	1/4		1/4	
1/2	1,571.59	1/2	1,307.78	1/2	1,043.86	1/2	783.47	1/2	522.00	1/2	258.10	1/2	7.09	1/2	1/2	1/2		1/2	
3/4	1,566.10	3/4	1,302.28	3/4	1,038.37	3/4	778.06	3/4	516.50	3/4	252.61	3/4	4.34	3/4	3/4	3/4		3/4	
6	1,560.60	6	1,296.78	6	1,032.87	6	772.65	6	511.00	6	247.11	6	3.43	6	6	6		6	
1/4	1,555.11	1/4	1,291.28	1/4	1,027.37	1/4	767.25	1/4	505.51	1/4	241.61	1/4	2.51	1/4	1/4	1/4		1/4	
1/2	1,549.61	1/2	1,285.79	1/2	1,021.87	1/2	761.84	1/2	500.01	1/2	236.11	1/2	1.60	1/2	1/2	1/2		1/2	
3/4	1,544.12	3/4	1,280.29	3/4	1,016.37	3/4	756.43	3/4	494.51	3/4	230.62	3/4	0.68	3/4	3/4	3/4		3/4	
7	1,538.62	7	1,274.79	7	1,010.92	7	751.02	7	489.01	7	225.12	7		7	7	7		7	
1/4	1,533.13	1/4	1,269.29	1/4	1,005.46	1/4	745.61	1/4	483.51	1/4	219.62	1/4		1/4	1/4	1/4		1/4	
1/2	1,527.63	1/2	1,263.79	1/2	1,000.00	1/2	740.21	1/2	478.02	1/2	214.12	1/2		1/2	1/2	1/2		1/2	
3/4	1,522.14	3/4	1,258.29	3/4	994.55	3/4	734.80	3/4	472.52	3/4	208.62	3/4		3/4	3/4	3/4		3/4	
8	1,516.65	8	1,252.80	8	989.13	8	729.39	8	467.02	8	203.13	8		8	8	8		8	
1/4	1,511.15	1/4	1,247.30	1/4	983.72	1/4	723.98	1/4	461.52	1/4	197.63	1/4		1/4	1/4	1/4		1/4	
1/2	1,505.66	1/2	1,241.80	1/2	978.31	1/2	718.58	1/2	456.03	1/2	192.13	1/2		1/2	1/2	1/2		1/2	
3/4	1,500.16	3/4	1,236.30	3/4	972.90	3/4	713.17	3/4	450.53	3/4	186.63	3/4		3/4	3/4	3/4		3/4	
9	1,494.67	9	1,230.80	9	967.48	9	707.76	9	445.03	9	181.14	9		9	9	9		9	
1/4	1,489.17	1/4	1,225.31	1/4	962.07	1/4	702.35	1/4	439.53	1/4	175.64	1/4		1/4	1/4	1/4		1/4	
1/2	1,483.68	1/2	1,219.81	1/2	956.66	1/2	696.94	1/2	434.03	1/2	170.14	1/2		1/2	1/2	1/2		1/2	
3/4	1,478.18	3/4	1,214.31	3/4	951.24	3/4	691.54	3/4	428.54	3/4	164.64	3/4		3/4	3/4	3/4		3/4	
10	1,472.69	10	1,208.81	10	945.83	10	686.13	10	423.04	10	159.15	10		10	10	10		10	
1/4	1,467.19	1/4	1,203.31	1/4	940.42	1/4	680.72	1/4	417.54	1/4	153.65	1/4		1/4	1/4	1/4		1/4	
1/2	1,461.70	1/2	1,197.81	1/2	935.00	1/2	675.31	1/2	412.04	1/2	148.15	1/2		1/2	1/2	1/2		1/2	
3/4	1,456.20	3/4	1,192.32	3/4	929.59	3/4	669.90	3/4	406.55	3/4	142.65	3/4		3/4	3/4	3/4		3/4	
11	1,450.71	11	1,186.82	11	924.18	11	664.50	11	401.05	11	137.16	11		11	11	11		11	
1/4	1,445.21	1/4	1,181.32	1/4	918.76	1/4	659.09	1/4	395.55	1/4	131.67	1/4		1/4	1/4	1/4		1/4	
1/2	1,439.72	1/2	1,175.82	1/2	913.35	1/2	653.68	1/2	390.05	1/2	126.18	1/2		1/2	1/2	1/2		1/2	
3/4	1,434.22	3/4	1,170.32	3/4	907.94	3/4	648.28	3/4	384.55	3/4	120.68	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 SW  
CALCULATED: 01/18/2014 CL  
VERIFIED: 03/22/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "KIRBY 10094"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,239.75	0	2,979.84	0	2,719.93	0	2,459.61	0	2,198.29	0	1,936.98
1/4		1/4		1/4		1/4		1/4	3,234.33	1/4	2,974.42	1/4	2,714.51	1/4	2,454.16	1/4	2,192.85	1/4	1,931.54
1/2		1/2		1/2		1/2		1/2	3,453.86	1/2	3,228.92	1/2	2,969.01	1/2	2,709.10	1/2	2,448.72	1/2	2,187.41
3/4		3/4		3/4		3/4		3/4	3,452.95	3/4	3,223.50	3/4	2,963.59	3/4	2,703.68	3/4	2,443.27	3/4	2,181.96
1		1		1		1		1	3,218.09	1	2,958.18	1	2,698.27	1	2,437.83	1	2,176.52	1	1,915.21
1/4		1/4		1/4		1/4		1/4	3,451.13	1/4	3,212.67	1/4	2,952.76	1/4	2,692.85	1/4	2,432.39	1/4	2,171.07
1/2		1/2		1/2		1/2		1/2	3,450.22	1/2	3,207.26	1/2	2,947.35	1/2	2,687.44	1/2	2,426.94	1/2	2,165.63
3/4		3/4		3/4		3/4		3/4	3,447.50	3/4	3,201.84	3/4	2,941.93	3/4	2,682.02	3/4	2,421.50	3/4	2,160.19
2		2		2		2		2	3,444.78	2	3,196.43	2	2,936.52	2	2,676.61	2	2,416.05	2	2,154.74
1/4		1/4		1/4		1/4		1/4	3,442.05	1/4	3,191.01	1/4	2,931.10	1/4	2,671.19	1/4	2,410.61	1/4	2,149.30
1/2		1/2		1/2		1/2		1/2	3,439.33	1/2	3,185.60	1/2	2,925.69	1/2	2,665.78	1/2	2,405.17	1/2	2,143.85
3/4		3/4		3/4		3/4		3/4	3,434.92	3/4	3,180.18	3/4	2,920.27	3/4	2,660.36	3/4	2,399.72	3/4	2,138.41
3		3		3		3		3	3,430.51	3	3,174.77	3	2,914.86	3	2,654.95	3	2,394.28	3	2,132.97
1/4		1/4		1/4		1/4		1/4	3,426.10	1/4	3,169.35	1/4	2,909.44	1/4	2,649.53	1/4	2,388.83	1/4	2,127.52
1/2		1/2		1/2		1/2		1/2	3,421.69	1/2	3,163.94	1/2	2,904.03	1/2	2,644.12	1/2	2,383.39	1/2	2,122.08
3/4		3/4		3/4		3/4		3/4	3,416.41	3/4	3,158.52	3/4	2,898.61	3/4	2,638.70	3/4	2,377.95	3/4	2,116.63
4		4		4		4		4	3,411.14	4	3,153.11	4	2,893.20	4	2,633.29	4	2,372.50	4	2,111.19
1/4		1/4		1/4		1/4		1/4	3,405.86	1/4	3,147.69	1/4	2,887.78	1/4	2,627.87	1/4	2,367.06	1/4	2,105.75
1/2		1/2		1/2		1/2		1/2	3,400.59	1/2	3,142.28	1/2	2,882.37	1/2	2,622.46	1/2	2,361.61	1/2	2,100.30
3/4		3/4		3/4		3/4		3/4	3,395.28	3/4	3,136.86	3/4	2,876.95	3/4	2,617.04	3/4	2,356.17	3/4	2,094.86
5		5		5		5		5	3,389.97	5	3,131.45	5	2,871.54	5	2,611.63	5	2,350.73	5	2,089.41
1/4		1/4		1/4		1/4		1/4	3,384.66	1/4	3,126.04	1/4	2,866.12	1/4	2,606.21	1/4	2,345.28	1/4	2,083.97
1/2		1/2		1/2		1/2		1/2	3,379.36	1/2	3,120.62	1/2	2,860.71	1/2	2,600.80	1/2	2,339.84	1/2	2,078.53
3/4		3/4		3/4		3/4		3/4	3,374.04	3/4	3,115.21	3/4	2,855.30	3/4	2,595.38	3/4	2,334.39	3/4	2,073.08
6		6		6		6		6	3,368.71	6	3,109.79	6	2,849.88	6	2,589.97	6	2,328.95	6	2,067.64
1/4		1/4		1/4		1/4		1/4	3,363.39	1/4	3,104.38	1/4	2,844.47	1/4	2,584.56	1/4	2,323.51	1/4	2,062.19
1/2		1/2		1/2		1/2		1/2	3,358.07	1/2	3,098.96	1/2	2,839.05	1/2	2,579.14	1/2	2,318.06	1/2	2,056.75
3/4		3/4		3/4		3/4		3/4	3,352.76	3/4	3,093.55	3/4	2,833.64	3/4	2,573.73	3/4	2,312.62	3/4	2,051.31
7		7		7		7		7	3,347.44	7	3,088.13	7	2,828.22	7	2,568.31	7	2,307.17	7	2,045.86
1/4		1/4		1/4		1/4		1/4	3,342.13	1/4	3,082.72	1/4	2,822.81	1/4	2,562.90	1/4	2,301.73	1/4	2,040.42
1/2		1/2		1/2		1/2		1/2	3,336.81	1/2	3,077.30	1/2	2,817.39	1/2	2,557.48	1/2	2,296.29	1/2	2,034.97
3/4		3/4		3/4		3/4		3/4	3,331.50	3/4	3,071.89	3/4	2,811.98	3/4	2,552.07	3/4	2,290.84	3/4	2,029.53
8		8		8		8		8	3,326.18	8	3,066.47	8	2,806.56	8	2,546.65	8	2,285.40	8	2,024.09
1/4		1/4		1/4		1/4		1/4	3,320.87	1/4	3,061.06	1/4	2,801.15	1/4	2,541.24	1/4	2,279.95	1/4	2,018.64
1/2		1/2		1/2		1/2		1/2	3,315.55	1/2	3,055.64	1/2	2,795.73	1/2	2,535.82	1/2	2,274.51	1/2	2,013.20
3/4		3/4		3/4		3/4		3/4	3,310.14	3/4	3,050.23	3/4	2,790.32	3/4	2,530.38	3/4	2,269.07	3/4	2,007.75
9		9		9		9		9	3,304.72	9	3,044.81	9	2,784.90	9	2,524.93	9	2,263.62	9	2,002.31
1/4		1/4		1/4		1/4		1/4	3,299.31	1/4	3,039.40	1/4	2,779.49	1/4	2,519.49	1/4	2,258.18	1/4	1,996.87
1/2		1/2		1/2		1/2		1/2	3,293.89	1/2	3,033.98	1/2	2,774.07	1/2	2,514.05	1/2	2,252.73	1/2	1,991.42
3/4		3/4		3/4		3/4		3/4	3,288.48	3/4	3,028.57	3/4	2,768.66	3/4	2,508.60	3/4	2,247.29	3/4	1,985.98
10		10		10		10		10	3,283.06	10	3,023.15	10	2,763.24	10	2,503.16	10	2,241.85	10	1,980.53
1/4		1/4		1/4		1/4		1/4	3,277.65	1/4	3,017.74	1/4	2,757.83	1/4	2,497.71	1/4	2,236.40	1/4	1,975.09
1/2		1/2		1/2		1/2		1/2	3,272.23	1/2	3,012.32	1/2	2,752.41	1/2	2,492.27	1/2	2,230.96	1/2	1,969.65
3/4		3/4		3/4		3/4		3/4	3,266.82	3/4	3,006.91	3/4	2,747.00	3/4	2,486.83	3/4	2,225.51	3/4	1,964.20
11		11		11		11		11	3,261.41	11	3,001.49	11	2,741.58	11	2,481.38	11	2,220.07	11	1,958.76
1/4		1/4		1/4		1/4		1/4	3,255.99	1/4	2,996.08	1/4	2,736.17	1/4	2,475.94	1/4	2,214.63	1/4	1,953.31
1/2		1/2		1/2		1/2		1/2	3,250.58	1/2	2,990.67	1/2	2,730.75	1/2	2,470.49	1/2	2,209.18	1/2	1,947.87
3/4		3/4		3/4		3/4		3/4	3,245.16	3/4	2,985.25	3/4	2,725.34	3/4	2,465.05	3/4	2,203.74	3/4	1,942.43

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

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PRECISION MEASUREMENT  
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# BARGE "KIRBY 10094"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,675.67	0	1,414.36	0	1,152.89	0	892.21	0	631.57	0	370.11	0	108.71	0		0		0	
1/4	1,670.23	1/4	1,408.91	1/4	1,147.44	1/4	886.80	1/4	626.12	1/4	364.67	1/4	103.28	1/4	1/4		1/4		1/4
1/2	1,664.78	1/2	1,403.47	1/2	1,141.99	1/2	881.39	1/2	620.67	1/2	359.22	1/2	97.85	1/2	1/2		1/2		1/2
3/4	1,659.34	3/4	1,398.02	3/4	1,136.55	3/4	875.98	3/4	615.23	3/4	353.77	3/4	92.44	3/4	3/4		3/4		3/4
1	1,653.89	1	1,392.58	1	1,131.10	1	870.57	1	609.78	1	348.32	1	87.03	1	1		1		1
1/4	1,648.45	1/4	1,387.13	1/4	1,125.65	1/4	865.16	1/4	604.33	1/4	342.88	1/4	81.61	1/4	1/4		1/4		1/4
1/2	1,643.01	1/2	1,381.68	1/2	1,120.21	1/2	859.75	1/2	598.89	1/2	337.43	1/2	76.20	1/2	1/2		1/2		1/2
3/4	1,637.56	3/4	1,376.23	3/4	1,114.76	3/4	854.34	3/4	593.44	3/4	331.98	3/4	70.82	3/4	3/4		3/4		3/4
2	1,632.12	2	1,370.79	2	1,109.31	2	848.92	2	587.99	2	326.54	2	65.43	2	2		2		2
1/4	1,626.67	1/4	1,365.34	1/4	1,103.86	1/4	843.51	1/4	582.55	1/4	321.09	1/4	60.05	1/4	1/4		1/4		1/4
1/2	1,621.23	1/2	1,359.89	1/2	1,098.42	1/2	838.10	1/2	577.10	1/2	315.64	1/2	54.67	1/2	1/2		1/2		1/2
3/4	1,615.79	3/4	1,354.44	3/4	1,092.97	3/4	832.69	3/4	571.65	3/4	310.20	3/4	49.33	3/4	3/4		3/4		3/4
3	1,610.34	3	1,349.00	3	1,087.52	3	827.28	3	566.20	3	304.75	3	44.00	3	3		3		3
1/4	1,604.90	1/4	1,343.55	1/4	1,082.07	1/4	821.87	1/4	560.76	1/4	299.30	1/4	38.66	1/4	1/4		1/4		1/4
1/2	1,599.45	1/2	1,338.10	1/2	1,076.63	1/2	816.46	1/2	555.31	1/2	293.85	1/2	33.33	1/2	1/2		1/2		1/2
3/4	1,594.01	3/4	1,332.65	3/4	1,071.18	3/4	811.05	3/4	549.86	3/4	288.41	3/4	28.80	3/4	3/4		3/4		3/4
4	1,588.57	4	1,327.21	4	1,065.73	4	805.65	4	544.42	4	282.96	4	24.26	4	4		4		4
1/4	1,583.12	1/4	1,321.76	1/4	1,060.28	1/4	800.24	1/4	538.97	1/4	277.51	1/4	19.73	1/4	1/4		1/4		1/4
1/2	1,577.68	1/2	1,316.31	1/2	1,054.84	1/2	794.83	1/2	533.52	1/2	272.07	1/2	15.20	1/2	1/2		1/2		1/2
3/4	1,572.23	3/4	1,310.86	3/4	1,049.39	3/4	789.39	3/4	528.08	3/4	266.62	3/4	12.48	3/4	3/4		3/4		3/4
5	1,566.79	5	1,305.42	5	1,043.94	5	783.95	5	522.63	5	261.17	5	9.75	5	5		5		5
1/4	1,561.35	1/4	1,299.97	1/4	1,038.49	1/4	778.51	1/4	517.18	1/4	255.73	1/4	7.03	1/4	1/4		1/4		1/4
1/2	1,555.90	1/2	1,294.52	1/2	1,033.05	1/2	773.06	1/2	511.73	1/2	250.28	1/2	4.31	1/2	1/2		1/2		1/2
3/4	1,550.46	3/4	1,289.07	3/4	1,027.60	3/4	767.62	3/4	506.29	3/4	244.83	3/4	3.40	3/4	3/4		3/4		3/4
6	1,545.01	6	1,283.63	6	1,022.15	6	762.18	6	500.84	6	239.38	6	2.49	6	6		6		6
1/4	1,539.57	1/4	1,278.18	1/4	1,016.70	1/4	756.74	1/4	495.39	1/4	233.94	1/4	1.59	1/4	1/4		1/4		1/4
1/2	1,534.13	1/2	1,272.73	1/2	1,011.26	1/2	751.30	1/2	489.95	1/2	228.49	1/2	0.68	1/2	1/2		1/2		1/2
3/4	1,528.68	3/4	1,267.28	3/4	1,005.85	3/4	745.85	3/4	484.50	3/4	223.04	3/4		3/4	3/4		3/4		3/4
7	1,523.24	7	1,261.84	7	1,000.43	7	740.41	7	479.05	7	217.60	7		7	7		7		7
1/4	1,517.79	1/4	1,256.39	1/4	995.02	1/4	734.97	1/4	473.61	1/4	212.15	1/4		1/4	1/4		1/4		1/4
1/2	1,512.35	1/2	1,250.94	1/2	989.61	1/2	729.53	1/2	468.16	1/2	206.70	1/2		1/2	1/2		1/2		1/2
3/4	1,506.91	3/4	1,245.50	3/4	984.20	3/4	724.09	3/4	462.71	3/4	201.26	3/4		3/4	3/4		3/4		3/4
8	1,501.46	8	1,240.05	8	978.79	8	718.64	8	457.26	8	195.81	8		8	8		8		8
1/4	1,496.02	1/4	1,234.60	1/4	973.38	1/4	713.20	1/4	451.82	1/4	190.36	1/4		1/4	1/4		1/4		1/4
1/2	1,490.57	1/2	1,229.15	1/2	967.97	1/2	707.76	1/2	446.37	1/2	184.91	1/2		1/2	1/2		1/2		1/2
3/4	1,485.13	3/4	1,223.71	3/4	962.56	3/4	702.32	3/4	440.92	3/4	179.47	3/4		3/4	3/4		3/4		3/4
9	1,479.69	9	1,218.26	9	957.15	9	696.88	9	435.48	9	174.02	9		9	9		9		9
1/4	1,474.24	1/4	1,212.81	1/4	951.74	1/4	691.43	1/4	430.03	1/4	168.57	1/4		1/4	1/4		1/4		1/4
1/2	1,468.80	1/2	1,207.36	1/2	946.32	1/2	685.99	1/2	424.58	1/2	163.13	1/2		1/2	1/2		1/2		1/2
3/4	1,463.35	3/4	1,201.92	3/4	940.91	3/4	680.55	3/4	419.14	3/4	157.68	3/4		3/4	3/4		3/4		3/4
10	1,457.91	10	1,196.47	10	935.50	10	675.11	10	413.69	10	152.23	10		10	10		10		10
1/4	1,452.47	1/4	1,191.02	1/4	930.09	1/4	669.67	1/4	408.24	1/4	146.79	1/4		1/4	1/4		1/4		1/4
1/2	1,447.02	1/2	1,185.57	1/2	924.68	1/2	664.22	1/2	402.79	1/2	141.34	1/2		1/2	1/2		1/2		1/2
3/4	1,441.58	3/4	1,180.13	3/4	919.27	3/4	658.78	3/4	397.35	3/4	135.90	3/4		3/4	3/4		3/4		3/4
11	1,436.13	11	1,174.68	11	913.86	11	653.34	11	391.90	11	130.46	11		11	11		11		11
1/4	1,430.69	1/4	1,169.23	1/4	908.45	1/4	647.90	1/4	386.45	1/4	125.02	1/4		1/4	1/4		1/4		1/4
1/2	1,425.25	1/2	1,163.78	1/2	903.04	1/2	642.46	1/2	381.01	1/2	119.57	1/2		1/2	1/2		1/2		1/2
3/4	1,419.80	3/4	1,158.34	3/4	897.62	3/4	637.01	3/4	375.56	3/4	114.14	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 SW  
CALCULATED: 01/18/2014 CL  
VERIFIED: 03/22/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

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